



April 15, 2016

Project No. 10627.003.0

Ms. Chand Sultana
California Environmental Protection Agency
Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, California 91311

**Re: Quarterly Summary Report
First Quarter 2016
Alcoa Cast Plate Division Site
3200 Fruitland Avenue, Vernon, California
Docket No. HAS-CO 09/10-121**

Dear Ms. Sultana:

Pursuant to the July 6, 2010, Imminent and Substantial Endangerment Determination and Consent Order (Order) between the California Department of Toxic Substances Control (DTSC) and Pechiney Cast Plate, Inc. (Pechiney; the Respondent), this quarterly summary report is hereby submitted by Amec Foster Wheeler Environment & Infrastructure, on behalf of the Respondent. As specified in the Order, this report provides a summary of the activities performed during the reporting period of January 1, 2016 through March 31, 2016 (first quarter 2016), and for the other elements outlined in Section 6.3 of the Order for the property located at 3200 Fruitland Avenue in Vernon, California (site). A summary of the activities conducted during the reporting period and for the elements outlined in the Order is provided below.

Tasks Completed During the Reporting Period (First Quarter 2016 – January 1, 2016 through March 31, 2016)

- Phase III/IV Soil Vapor Extraction (SVE) system was shut down on January 15, 2016 in order to disassemble and remove the piping and system components to facilitate redevelopment of the South Property.
- Responded to DTSC's Human and Ecological Risk Office (HERO) comments to the Phase II Completion Report by email on January 26, 2016.
- Conducted the first quarter groundwater monitoring event as outlined in the Remedial Action Plan (RAP) on February 1, 2016 to February 5, 2016.
- Submitted the Second Semi-Annual Groundwater Monitoring Report to DTSC on February 12, 2016.
- Submitted the Soil Vapor Extraction Semi-Annual Operational Summary, July-December 2015 Stoddard Solvent Impacted Area – Phase III/IV Area report to DTSC on March 2,

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2016. Semi-annual reporting will resume after completion of construction and the system is re-installed, which is projected to occur in December 2016 or January 2017.

- Responded to DTSC comments to the Phase I Soil Vapor Extraction Second Quarter 2015 Summary Report on March 2, 2016.
- Responded to DTSC comments to the Phase III/IV Soil Vapor Extraction Second Quarter 2015 Summary Report on March 2, 2016.
- Submitted the Soil Vapor Extraction Semi-Annual Operational Summary, July-December 2015 Volatile Organic Compound-Impacted Area – Phase I Area Report on March 7, 2016.
- Submitted the well completion letter report for the deeper SVE wells, air intake wells (AIWs), grab groundwater sampling, and the three additional groundwater monitoring wells installed in the Phase I Area on March 28, 2016.
- Continued operation, maintenance and monitoring (OMM) work and semi-annual reporting for the SVE system in the Phase I Area.

Results of Sampling and Significant Findings Obtained During the Reporting Period

- The sampling results from the first and second quarter 2016 groundwater monitoring events will be provided to DTSC during the third quarter of 2016.
- The first and second quarter SVE monitoring results will be submitted to DTSC in the third quarter of 2016.

Tasks Anticipated During the Current Reporting Period (Second Quarter 2016 – April 1, 2016 through June 30, 2016)¹

- Submit the Perimeter Air Monitoring Summary Report for the below grade demolition and soil removal work to DTSC, U.S. Environmental Protection Agency (EPA) and the City of Vernon Environmental Health Department.
- Receive final approval from DTSC on the Phase II Completion Report and finalize the Completion Report.
- Coordinate access with Union Pacific Railroad (UPRR) for off-site polychlorinated biphenyl soil sampling along the rail area and conduct the sampling once access is approved.

¹ Timing is dependent on agency approvals.

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- Work with DTSC and EPA to finalize the draft land use covenants (LUCs) for the North and South Property.
- Submit a response to DTSC HERO's comments on the first and second quarter 2014 groundwater monitoring reports (memorandum dated January 23, 2015, and received on February 17, 2015).
- Continue quarterly groundwater monitoring and submit a request to DTSC to modify the groundwater sampling methods and to resubmit a request to reduce the groundwater sampling frequency for monitoring wells AOW-6, AOW-8 and AOW-9.
- Continued OMM work in the Phase I Area until the system requires shut down to support redevelopment of the north property, which may begin in May 2016.
- Shut down the Phase I Area SVE system to support redevelopment.

Tasks Planned for the Next Reporting Period (Third Quarter 2016 – July 1, 2016 through September 30, 2016)

- Continue groundwater monitoring and reporting and submit first semi-annual monitoring report for 2016.
- Submit first semi-annual status report for the Phase I Area SVE system.
- Re-install Phase III/IV Area SVE system in conjunction with redevelopment construction schedule and resume system OMM and reporting, which is likely to occur in December 2016 or in the first quarter of 2017.

Tasks Not Completed or Anticipated Problems in Complying with the Order

- None identified during the first quarter 2016 reporting period.

If you have any questions or need any additional information, please call me at (949) 642-0245.

Sincerely,
Amec Foster Wheeler

A handwritten signature in blue ink that reads "Linda Conlan".

Linda Conlan, PG
Principal Geologist

cc: William Adams, Pechiney
Gerald Pepper, Rio Tinto AUM Company

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